

65594, now patented, Pat. No. US 5434690, issued on 8 Aug 1995

DT Utility
FS GRANTED

LN.CNT 776

INCL INCLM: 514/729.000

INCLS: 514/724.000; 514/739.000

NCL NCLM: 514/729.000

NCLS: 514/724.000; 514/739.000

IC [7]

ICM: A01N031-06

ICS: A01N031-00

EXF 514/729; 514/724; 514/739

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 15 USPATFULL

AN 2002:81535 USPATFULL

TI Non-hazardous pest control

IN Bessette, Steven M., Alpharetta, GA, United States

Beigler, Myron A., Santa Rosa, CA, United States

PA Ecosmart Technologies, Inc., Franklin, TN, United States (U.S.
corporation)

PI US 6372801

B1 20020416

AI ~~US 1999-469766~~

19991222 (9)

RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 1995-553475, filed on 9 Nov 1995,
now patented, Pat. No. US 5693344 Continuation-in-part of Ser. No. US
65594, now patented, Pat. No. US 5439690, issued on 8 Aug 1995

DT Utility

FS GRANTED

LN.CNT 759

INCL INCLM: 514/703.000

INCLS: 514/693.000

NCL NCLM: 514/703.000

NCLS: 514/693.000

IC [7]

ICM: A01N035-00

ICS: A01N035-02

EXF 514/739; 514/703; 514/693

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 15 USPATFULL

AN 2002:19353 USPATFULL

TI Non-hazardous pest control

IN Bessette, Steven M., Alpharetta, GA, United States

Beigler, Myron A., Santa Rosa, CA, United States

PA Ecosmart Technologies Incorporated, Franklin, TN, United States (U.S.
corporation)

PI US 6342536

B1 20020129

AI ~~US 1999-469772~~

19991222 (9)

RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344, issued on 2 Dec 1997 Continuation-in-part of Ser. No. US
1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690,
issued on 8 Aug 1995

levy

Printed by HPS Server

for

Walk-Up Printing

Printer: cm1_3e12_gbectr

Date: 04/21/03

Time: 10:25:03

Document Listing

Document	Selected Pages	Page Range	Copies
GB002261586	15	1 - 15	1
Total (1)	15	-	-

DT Utility
FS GRANTED
LN.CNT 772
INCL INCLM: 514/720.000
INCLS: 514/718.000
NCL NCLM: 514/720.000
NCLS: 514/718.000
IC [7]
ICM: A01N031-08
ICS: A01N031-14
EXF 514/718; 514/720
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 15 USPATFULL
AN 2002:19352 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technologies, Incorporated, Franklin, TN, United States (U.S.
corporation)
PI US 6342535 B1 20020129
AI US 1999-469768 19991222 (9)
RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344, issued on 21 Dec 1997 Continuation-in-part of Ser. No. US
1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690,
issued on 8 Aug 1995

DT Utility
FS GRANTED
LN.CNT 768
INCL INCLM: 514/690.000
NCL NCLM: 514/690.000
IC [7]
ICM: A01N035-06
EXF 514/690
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 15 USPATFULL
AN 2002:14027 USPATFULL
TI Non-Hazardous pest control
IN Bessette, Steven M., Brentwood, TN, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technologies, Inc., Franklin, TN, United States (U.S.
corporation)
PI US 6340710 B1 20020122
AI US 1999-469764 19991222 (9)
RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344, issued on 2 Dec 1997 Continuation-in-part of Ser. No. US
1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690,
issued on 8 Aug 1995

DT Utility
FS GRANTED
LN.CNT 770

THIS PAGE BLANK (USPTO)

INCL INCLM: 514/717.000
INCLS: 514/731.000
NCL NCLM: 514/717.000
NCLS: 514/731.000
IC [7]
ICM: A01N031-14
EXF 514/717; 514/731
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 15 USPATFULL
AN 2001:235281 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technologies, Incorporated, Franklin, TN, United States (U.S.
corporation)
PI US 6333360 B1 20011225
AI ~~US 1999-469771~~ 19991222 (9)
RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344, issued on 2 Dec 1997 Continuation-in-part of Ser. No. US
1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690,
issued on 8 Aug 1995
DT Utility
FS GRANTED
LN.CNT 835
INCL INCLM: 514/729.000
INCLS: 514/783.000
NCL NCLM: 514/729.000
NCLS: 514/783.000
IC [7]
ICM: A01N031-04
ICS: A01N031-06
EXF 514/729; 514/783
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 15 USPATFULL
AN 2001:231309 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technologies, Incorporated, Franklin, TN, United States (U.S.
corporation)
PI US 6331572 B1 20011218
AI ~~US 1999-469767~~ 19991222 (9)
RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344, issued on 2 Dec 1997 Continuation-in-part of Ser. No. US
1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690,
issued on 8 Aug 1995
DT Utility
FS GRANTED
LN.CNT 834
INCL INCLM: 514/731.000

THIS PAGE BLANK (USPTO)

NCL INCLS: 514/783.000; 514/729.000
NCLM: 514/731.000
NCLS: 514/729.000; 514/783.000
IC [7]

ICM: A01N031-08
ICS: A01N031-06
EXF 514/731; 514/783; 514/729

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 15 USPATFULL
AN 2001:226685 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technololies, Incorporated, Franklin, TN, United States (U.S.
Corporation)

PI US 6329433 B1 20011211
AI ~~US 1999-469769~~ 19991222 (9)

RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented,
Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun
1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999
Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996,
now patented, Pat. No. US 6114384, issued on 5 Sep 2000
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344, issued on 2 Dec 1997 Continuation-in-part of Ser. No. US
1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690,
issued on 8 Aug 1995

DT Utility
FS GRANTED

LN.CNT 819

INCL INCLM: 514/729.000
INCLS: 514/783.000
NCL NCLM: 514/729.000
NCLS: 514/783.000

IC [7]
ICM: A01N031-06

EXF 514/729; 514/783

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 15 USPATFULL
AN 2001:18015 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technologies, Incorporated, Franklin, TN, United States (U.S.
corporation)

PI US 6183767 B1 20010206
AI ~~US 1998-56712~~ 19980408 (9)

RLI Division of Ser. No. US 1997-870560, filed on 6 Jun 1997
Continuation-in-part of Ser. No. US 1996-657585, filed on 6 Jun 1996
Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US
5693344 Continuation-in-part of Ser. No. US 1993-65594, filed on 21 May
1993, now patented, Pat. No. US 5439690

DT Utility
FS Granted

LN.CNT 849

INCL INCLM: 424/406.000
INCLS: 424/084.000; 424/405.000; 424/410.000; 514/546.000; 514/717.000;
514/718.000; 514/720.000; 514/729.000; 514/730.000; 514/739.000
NCL NCLM: 424/406.000

NCLS: 424/084.000; 424/405.000; 424/410.000; 514/546.000; 514/717.000;
514/718.000; 514/720.000; 514/729.000; 514/730.000; 514/739.000

THIS PAGE BLANK (USPTO)

IC [7]
ICM: A01N025-32
EXF 424/84; 424/410; 424/405; 424/406; 424/409; 514/529; 514/546;
514/717-720; 514/729-730; 514/739; 514/724; 514/762; 514/763
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 15 USPATFULL
AN 2000:117765 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Knight, Arthur M., Alpharetta, GA, United States
PA Ecosmart, Inc., Roswell, GA, United States (U.S. corporation)
PI US 6114384 20000905
AI ~~US 1996-657585~~ 19960607 (8)
RLI Continuation-in-part of Ser. No. WO 1994-US5823, filed on 20 May 1994
And a continuation-in-part of Ser. No. US 1995-553475, filed on 9 Nov
1995, now patented, Pat. No. US 5693344 which is a continuation-in-part
of Ser. No. US 1993-65594, filed on 21 May 1993, now patented, Pat. No.
US 5439690, issued on 8 Aug 1995
DT Utility
FS Granted
LN.CNT 1023
INCL INCLM: 514/546.000
INCLS: 514/720.000; 514/730.000; 514/875.000
NCL NCLM: 514/546.000
NCLS: 514/720.000; 514/730.000; 514/875.000
IC [7]
ICM: A01N037-02
ICS: A01N031-14; A01N031-04
EXF 514/718; 514/720; 514/733; 514/546; 514/730
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 15 OF 15 USPATFULL
AN 1999:166610 USPATFULL
TI Non-hazardous pest control
IN Bessette, Steven M., Alpharetta, GA, United States
Beigler, Myron A., Santa Rosa, CA, United States
PA Ecosmart Technologies, Inc., Roswell, GA, United States (U.S.
corporation)
PI US 6004569 19991221
AI US 1997-870560 19970606 (8)
RLI Continuation-in-part of Ser. No. US 1996-657585, filed on 6 Jun 1996
which is a continuation-in-part of Ser. No. US 553475
DT Utility
FS Granted
LN.CNT 920
INCL INCLM: 424/406.000
INCLS: 424/043.000; 424/046.000; 424/047.000; 424/084.000; 424/403.000;
424/405.000; 424/407.000; 424/409.000; 424/410.000; 424/411.000;
424/417.000; 424/421.000; 424/DIG.008; 424/DIG.011; 514/513.000;
514/529.000; 514/690.000; 514/514.000; 514/717.000; 514/720.000;
514/729.000; 514/731.000; 514/733.000
NCL NCLM: 424/406.000
NCLS: 424/043.000; 424/046.000; 424/047.000; 424/084.000; 424/403.000;
424/405.000; 424/407.000; 424/409.000; 424/410.000; 424/411.000;
424/417.000; 424/421.000; 424/DIG.008; 424/DIG.011; 514/513.000;
514/514.000; 514/529.000; 514/690.000; 514/717.000; 514/720.000;
514/729.000; 514/731.000; 514/733.000
IC [6]
ICM: A01N025-32
EXF 424/43-47; 424/84; 424/DIG.8; 424/DIG.10; 424/DIG.11; 424/77; 424/403;
424/405-411; 424/417-421; 514/513-515; 514/529; 514/690; 514/717;

levy

Printed by HPS Server

for

Waik-Up Printing

Printer: cm1_3e12_gbeprtr

Date: 05/04/03

Time: 13:25:51

Document Listing

Document	Selected Pages	Page Range	Copies
US002154850	3	1 - 3	2
US002898263	5	1 - 5	2
Total (2)	16	-	-

=> s patented, Pat. No. US 5693344 Continuation-in-part of Ser. No. US 1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690, issued on 8 Aug 1995

DT Utility
FS GRANTED

LN.CNT 995

INCL INCLM: 514/730.000

INCLS: 514/729.000

NCL NCLM: 514/730.000

NCLS: 514/729.000

IC [7]

ICM: A01N031-02

ICS: A01N031-06; A01N031-08

EXF 514/729; 514/730; 514/739

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 15 USPATFULL

AN 2002:88536 USPATFULL

TI Non-hazardous pest control

IN Bessette, Steven M., Alpharetta, GA, United States

Beigler, Myron A., Santa Rosa, CA, United States

PA Ecosmart Technologies, Inc., Franklin, TN, United States (U.S. corporation)

PI US 6376556

B1 20020423

AI US 1999-469765 19991222 (9)

RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented, Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun 1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999 Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996, now patented, Pat. No. US 6114384, issued on 5 Sep 2000 Continuation-in-part of Ser. No. US 553475, now patented, Pat. No. US 5693344 Continuation-in-part of Ser. No. US 1993-65594, filed on 21 May 1993, now patented, Pat. No. US 5439690, issued on 8 Aug 1995

DT Utility
FS GRANTED

LN.CNT 770

INCL INCLM: 514/731.000

INCLS: 514/730.000

NCL NCLM: 514/731.000

NCLS: 514/730.000

IC [7]

ICM: A01N031-00

ICS: A01N031-08

EXF 514/730; 514/731

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 15 USPATFULL

AN 2002:81536 USPATFULL

TI Non-hazardous pest control

IN Bessette, Steven M., Alpharetta, GA, United States

Beigler, Myron A., Santa Rosa, CA, United States

PA Ecosmart Technologies, Inc., Franklin, TN, United States (U.S. corporation)

PI US 6372803

B1 20020416

AI US 1999-469770 19991222 (9)

RLI Division of Ser. No. US 1998-56712, filed on 8 Apr 1998, now patented, Pat. No. US 6183767 Division of Ser. No. US 1997-870560, filed on 6 Jun 1997, now patented, Pat. No. US 6004569, issued on 21 Dec 1999 Continuation-in-part of Ser. No. US 1996-657585, filed on 7 Jun 1996, now patented, Pat. No. US 6114384, issued on 5 Sep 2000 Continuation-in-part of Ser. No. US 1995-553475, filed on 9 Nov 1995, now patented, Pat. No. US 5693344 Continuation-in-part of Ser. No. US

HPS Trailer Page
for

Waik-Up Printing

UserID: levy

Printer: cm1_3e12_gbecptr

Summary

Document	Pages	Printed	Missed	Copies
GB002261586	15	15	0	1
Total (1)	15	15	0	-

116 (COCKROACH OR BLATTELLA OR PERIPLANETA) AND (EUGENOL OR L1)

=> s 14 and isoparaffinic hydrocarbon

=> L5 23 L4 AND ISOPARAFFINIC HYDROCARBON

=> s 15 and (ld50 or death or lethal or kill)

L6 18 L5 AND (LD50 OR DEATH OR LETHAL OR KILL)

=> dup rem 16

PROCESSING COMPLETED FOR L6

L7 15 DUP REM L6 (3 DUPLICATES REMOVED)

=> d 1-15

L7 ANSWER 1 OF 15 USPATFULL

AN 2003:67584 USPATFULL

TI Pesticidal compositions containing peppermint oil

IN Bessette, Steven M., Brentwood, TN, United States

PA Enan, Essam E., Franklin, TN, United States

Ecosmart Technologies, Inc., Franklin, TN, United States (U.S. corporation)

PI US 6531163 B1 20030311

AI US 2000-604397 20000627 (9)

PRAI US 1999-140845P 19990628 (60)

DT Utility

FS GRANTED

LN.CNT 679

INCL INCLM: 424/747.000

INCLS: 424/725.000

NCL NCLM: 424/747.000

NCLS: 424/725.000

IC [7]

ICM: A01N065-00

EXF 424/725; 424/747; 424/757; 424/405; 424/409

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 15 WPIX (C) 2003 THOMSON DERWENT DUPLICATE 1

AN 2002-666670 [71] WPIX

DNC C2002-187041

TI Use of plant essential oils e.g. **eugenol**, carvecrol and thymol, as pesticides, especially for killing **cockroaches**.

DC C05

IN BEIGLER, M A; BESSETTE, S M

PA (BEIG-I) BEIGLER M A; (BESS-I) BESSETTE S M

CYC 1

PI US 2002107287 A1 20020808 (200271)* 17p A01N025-00

ADT US 2002107287 A1 CIP of US 1999-302198 19990429, US 2001-23145 20011217

PRAI US 2001-23145 20011217; US 1999-302198 19990429

IC ICM A01N025-00

ICS A01N031-14; A01N037-10

L7 ANSWER 3 OF 15 USPATFULL

AN 2002:122680 USPATFULL

TI Non-hazardous pest control

IN Bessette, Steven M., Alpharetta, GA, United States

Knight, Arthur M., Alpharetta, GA, United States

PA Ecosmart Technologies, Inc., Franklin, TN, United States (U.S. corporation)

PI US 6395789- B1 20020528

AI US 2000-655797 20000901 (9)

RLI Division of Ser. No. US 1996-657585, filed on 7 Jun 1996, now patented, Pat. No. US 6114384 Continuation-in-part of Ser. No. US 553475, now

HPS Trailer Page
for

Waik-Up Printing

UserID: levy

Printer: cm1_3e12_gbecptr

Summary

Document	Pages	Printed	Missed	Copies
US004119535	18	9	0	2
Total (1)	18	18	0	-

L8 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 2003:217922 CAPLUS
 DN 138:200346
 TI Insecticidal compositions against household insects containing menthyl salicylate
 IN Besette, Steven M.; Enan, Essam E. 24?
 PA Ecomart Technologies, Inc., USA
 SO U.S., 8 pp., Cont.-in-part of U. S. 6,114,384.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6534099	B1	20030318	US 2000-578707	20000526
	US 5439690	A	19950808	US 1993-65594	19930521
	WO 9427434	A1	19941208	WO 1994-585823	19940520

L8 ANSWER 8 OF 13 USPATFULL
 AN 1998:51214 USPATFULL
 TI Composite polymer matrices for controlled release of semiochemicals
 IN Makarchuk, David A., Burnaby, Canada
 PA phero Tech Inc., Delta, Canada (non-U.S. corporation)
 PI US 5750129
 AI US 1996-686471
 RTI Continuation-in-part of Ser. No. US 1994-242021, filed on 5 May 1994, now abandoned which is a continuation-in-part of Ser. No. US 1992-937469, filed on 28 Aug 1992, now abandoned
 DT Utility
 FS Granted
 LN.CNT 1018
 INCL INCLM: 424/408.000
 INCLS: 424/406.000; 424/409.000; 424/410.000; 424/411.000; 424/486.000;
 NCLM: 424/084.000
 NCLS: 424/084.000; 424/406.000; 424/409.000; 424/410.000; 424/411.000;
 IC [6]
 ICM: A01N025-08
 EXT 424/408; 424/406; 424/405; 424/409-411; 424/486; 424/84; 514/919
 L8 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

THIS PAGE BLANK (USPTO)

THIS PAGE BLANK (USPTO)

ICS A01N031-14; A01N037-10

L10 ANSWER 4 OF 4 IFIPAT COPYRIGHT 2003 IFI
AN 10163639 IFIPAT;IFIUDB;IFICDB
TI PESTICIDAL ACTIVITY OF PLANT ESSENTIAL OILS AND THEIR CONSTITUENTS
IN Beigler Myron A; Bessette Steven M
PA Unassigned Or Assigned To Individual (68000)
PI US 2002107287 A1 20020808
AI US 2001-23145 20011217
RLI US 1999-302198 19990429 CONTINUATION-IN-PART PENDING
FI US 2002107287 20020808
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 21
GI 6 Figure(s).
FIG. 1 is a graph of the dose of the insecticide vs. octopamine binding.
FIG. 2 is a graph of mortality of plant essential oils vs. dose.
FIG. 3 is a graph of mortality of three blend vs. time after topical
application.
FIG. 4 is a graph of mortality of plant essential oils vs. dose.
FIG. 5 is a graph of the LD 50 values of various plant essential oils vs.
larvae.
FIG. 6 is a graph of the feeding deterrence of carvacrol vs. larvae.

=>

HPS Trailer Page
for

Waik-Up Printing

userid: levy

Printer: cm1_3e12_gbecptr

Summary

Document	Pages	Printed	Missed	Copies
US005055299	14	7	0	2
Total (1)	14	14	0	-

HPS Trailer Page
for

Walk-Up_Printing

UserID: levy

Printer: cm1_3e12_gbecptr

Summary

Document	Pages	Printed	Missed	Copies
US005110594	5	5	0	1
US005110594	5	5	0	1
Total (2)	10	10	0	-

L8

13 (COCKROACH OR BLATTELLA OR PERIPLANETA) AND (EUGENOL OR L1) AND
(PHENYL ETHYL PROPIONATE OR 152336-38-4/RN OR 117290-46-7/RN OR
107832-32-6/RN OR 122-70-3/RN OR 120-45-6/RN)

=> s 18 and (dust or clay)

L9 7 L8 AND (DUST OR CLAY)

=> s 19 and sodium bicarbonate and calcium carbonate
13 FILES SEARCHED...

L10 4 L9 AND SODIUM BICARBONATE AND CALCIUM CARBONATE

=> d 1-4

L10 ANSWER 1 OF 4 WPIX (C) 2003 THOMSON DERWENT
AN 2002-666670 [71] WPIX

DNC C2002-187041

TI Use of plant essential oils e.g. **eugenol**, carvecrol and thymol,
as pesticides, especially for killing **cockroaches**.

DC C05

IN BEIGLER, M A; BESSETTE, S M

PA (BEIG-I) BEIGLER M A; (BESS-I) BESSETTE S M

CYC 1

PI US 2002107287 A1 20020808 (200271)* 17p A01N025-00

ADT US 2002107287 A1 CIP of US 1999-302198 19990429, US 2001-23145 20011217

PRAI US 2001-23145 20011217; US 1999-302198 19990429

IC ICM A01N025-00

ICS A01N031-14; A01N037-10

L10 ANSWER 2 OF 4 USPATFULL

AN 2002:199177 USPATFULL

TI Pesticidal activity of plant essential oils and their constituents

IN Bessette, Steven M., Brentwood, TN, UNITED STATES
Beigler, Myron A., Santa Rosa, CA, UNITED STATES

PI US 2002107287 A1 20020808

AI US 2001-23145 A1 20011217 (10)

RLI Continuation-in-part of Ser. No., US 1999-302198, filed on 29 Apr 1999,
PENDING

DT Utility

FS APPLICATION

LN.CNT 921

INCL INCLM: 514/532.000

INCL INCLS: 514/718.000

NCL NCLM: 514/532.000

NCL NCLS: 514/718.000

IC [7]

ICM: A01N025-00

ICS: A01N037-10; A01N031-14

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 4 WPIDS (C) 2003 THOMSON DERWENT
AN 2002-666670 [71] WPIDS

DNC C2002-187041

TI Use of plant essential oils e.g. **eugenol**, carvecrol and thymol,
as pesticides, especially for killing **cockroaches**.

DC C05

IN BEIGLER, M A; BESSETTE, S M

PA (BEIG-I) BEIGLER M A; (BESS-I) BESSETTE S M

CYC 1

PI US 2002107287 A1 20020808 (200271)* 17p A01N025-00

ADT US 2002107287 A1 CIP of US 1999-302198 19990429, US 2001-23145 20011217

PRAI US 2001-23145 20011217; US 1999-302198 19990429

IC ICM A01N025-00

levy

Printed by HPS Server

for

Waik-Up Printing

Printer: cm1_3e12_gbecptr

Date: 05/04/03

Time: 13:01:07

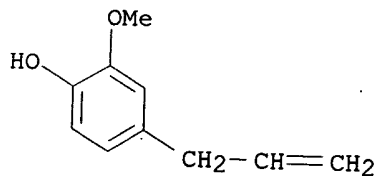
Document Listing

Document	Selected Pages	Page Range	Copies
US005055299	7	1 - 7	2
Total (1)	14	-	-

=> eugenol/cn
L1 1 EUGENOL/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 97-53-0 REGISTRY
CN Phenol, 2-methoxy-4-(2-propenyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, 4-allyl-2-methoxy- (8CI)
OTHER NAMES:
CN 1-Allyl-4-hydroxy-3-methoxybenzene
CN 2-Hydroxy-5-allylanisole
CN 2-Methoxy-1-hydroxy-4-allylbenzene
CN 2-Methoxy-4-(2'-propenyl)phenol
CN 2-Methoxy-4-(2-propenyl)phenol
CN 2-Methoxy-4-allylphenol
CN 3-(3-Methoxy-4-hydroxyphenyl)propene
CN 3-(4-Hydroxy-3-methoxyphenyl)-1-propene
CN 4-Allyl-1-hydroxy-2-methoxybenzene
CN 4-Allyl-2-methoxyphenol
CN 4-Allylguaiacol
CN 4-Hydroxy-3-methoxyallylbenzene
CN Allylguaiacol
CN Caryophylllic acid
CN Eugenol
CN p-Allylguaiacol
CN p-Eugenol
FS 3D CONCORD
MF C10 H12 O2
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU,
DETERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC,
PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USAN, USPAT2,
USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5388 REFERENCES IN FILE CA (1957 TO DATE)
140 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5393 REFERENCES IN FILE CAPLUS (1957 TO DATE)
19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

HPS Trail r Page
for

Waik-Up Printing

UserID: levy

Printer: cm1_3e12_gbecptr

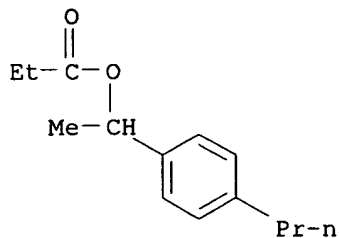
Summary

Document	Pages	Printed	Missed	Copies
GB002261586	15	15	0	1
Total (1)	15	15	0	-

L3 ANSWER 5 OF 11 REGISTRY COPYRIGHT 2003 ACS
RN 152336-41-9 REGISTRY
CN Benzenemethanol, .alpha.-methyl-4-propyl-, propanoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-(p-propylphenyl)ethyl propionate
FS 3D CONCORD
MF C14 H20 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

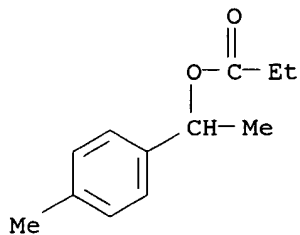
1 REFERENCES IN FILE CA (1957 TO DATE)
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> d 6

L3 ANSWER 6 OF 11 REGISTRY COPYRIGHT 2003 ACS
RN 152336-38-4 REGISTRY
CN Benzenemethanol, .alpha.,4-dimethyl-, propanoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-(p-methylphenyl)ethyl propionate
FS 3D CONCORD
MF C12 H16 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1957 TO DATE)
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> d 7

HPS Trailer Page
for
Walk-Up_Printing

UserID: levy

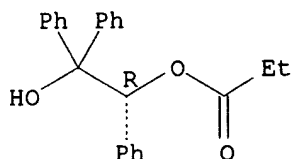
Printer: cm1_3e12_gbkwptr

Summary

<u>Document</u>	<u>Pages</u>	<u>Printed</u>	<u>Missed</u>	<u>Copies</u>
US005965137	10	5	0	2
US005635194	4	4	0	1
US006068849	5	5	0	1
US004484599	5	5	0	1
US005484599	11	11	0	1
Total (5)	35	35	0	-

L3 ANSWER 7 OF 11 REGISTRY COPYRIGHT 2003 ACS
 RN 135789-37-6 REGISTRY
 CN 1,2-Ethanediol, 1,1,2-triphenyl-, 2-propanoate, (2R)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2-Ethanediol, 1,1,2-triphenyl-, 2-propanoate, (R)-
 OTHER NAMES:
 CN (R)-1-Hydroxy-1,1,2-triphenylethyl 2-propionate
 CN (R)-2-Hydroxy-1,1,2,2-triphenylethyl propionate
 FS STEREOSEARCH
 MF C23 H22 O3
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)

Absolute stereochemistry.



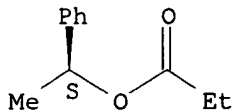
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1957 TO DATE)
 5 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> d 8

L3 ANSWER 8 OF 11 REGISTRY COPYRIGHT 2003 ACS
 RN 117290-46-7 REGISTRY
 CN Benzenemethanol, .alpha.-methyl-, propanoate, (1S)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzenemethanol, .alpha.-methyl-, propanoate, (S)-
 OTHER NAMES:
 CN (S)-1-Phenylethyl propionate
 FS STEREOSEARCH
 MF C11 H14 O2
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMINFORMRX, CHEMLIST, TOXCENTER
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1957 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1957 TO DATE)

levy

Printed by HPS Server

for

Walk-Up Printing

Printer: cm1_3e12_gbecptr

Date: 05/03/03

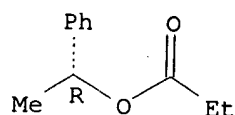
Time: 10:54:04

Document Listing

Document	Selected Pages	Page Range	Copies
US004119535	9	1 - 9	2
Total (1)	18	-	-

L3 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2003 ACS
RN 107832-32-6 REGISTRY
CN Propanoic acid, (1R)-1-phenylethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzenemethanol, .alpha.-methyl-, propanoate, (R)-
OTHER NAMES:
CN (R)-.alpha.-Methylbenzyl propionate ✓
CN (R)-1-Phenethyl propanoate
CN (R)-1-Phenylethyl propionate
FS STEREOSEARCH
MF C11 H14 O2
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, CHEMLIST,
TOXCENTER
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

17 REFERENCES IN FILE CA (1957 TO DATE)
17 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> d 10

L3 ANSWER 10 OF 11 REGISTRY COPYRIGHT 2003 ACS
RN 122-70-3 REGISTRY
CN Propanoic acid, 2-phenylethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propionic acid, phenethyl ester (6CI, 7CI, 8CI)
OTHER NAMES:
CN .beta.-Phenylethyl propionate
CN 2-Phenethyl propionate
CN 2-Phenylethyl propanoate
CN 2-Phenylethyl propionate
CN Benzylcarbinyl propionate
CN Phenethyl alcohol propionate
CN Phenethyl propanoate
CN Phenethyl propionate
CN Phenylethyl propionate
FS 3D CONCORD
MF C11 H14 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CABA,
CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
HODOC*, IFICDB, IFIUDB, MSDS-OHS, NAPRALERT, PROMT, RTECS*, SPECINFO,
TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(*Enter CHEMLIST File for up-to-date regulatory information)

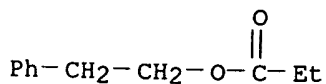
WALK-UP PRINTING
for
HPS Trailer Pag

UserID: levy

Printer: cm1_3e12_gbecptr

Summary

Document	Pages	Printed	Missed	Copies
US006565868	0	0	0	2
Total (1)	0	0	0	-

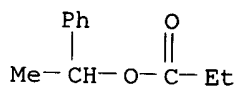


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

121 REFERENCES IN FILE CA (1957 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 121 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 11

L3 ANSWER 11 OF 11 REGISTRY COPYRIGHT 2003 ACS
 RN 120-45-6 REGISTRY
 CN Benzenemethanol, .alpha.-methyl-, propanoate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzyl alcohol, .alpha.-methyl-, propionate (7CI, 8CI)
 OTHER NAMES:
 CN **(.+-.)-1-Phenylethyl propionate**
 CN .alpha.-Methylbenzyl propionate
 CN **1-Phenylethyl propionate**
 CN Methylphenylcarbinyl propionate
 CN Styrallyl propionate
 FS 3D CONCORD
 DR 117405-47-7
 MF C11 H14 O2
 LC STN Files: AGRICOLA, BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSChem, RTECS*, SPECINFO, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

40 REFERENCES IN FILE CA (1957 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 41 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

levy

Printed by HPS Server

for

Waik-Up Printing

Printer: cm1_3e12_gbecptr

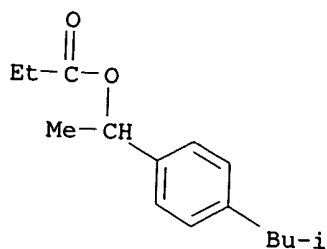
Date: 04/21/03

Time: 10:24:43

Document Listing

Document	Selected Pages	Page Range	Copies
GB002261586	15	1 - 15	1
Total (1)	15	-	-

L3 ANSWER 4 OF 11 REGISTRY COPYRIGHT 2003 ACS
RN 152336-43-1 REGISTRY
CN Benzenemethanol, .alpha.-methyl-4-(2-methylpropyl)-, propanoate (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN 1-(p-isobutylphenyl)ethyl propionate
FS 3D CONCORD
MF C15 H22 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1957 TO DATE)
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L3 1-11

L3 5-11

levy

Printed by HPS Server
for

Walk-Up_Printing

Printer: cm1_3e12_gbkwptr

Date: 05/04/03

Time: 12:27:24

Document Listing

Document	Selected Pages	Page Range	Copies
US005965137	5	1 - 5	2
US005635194	4	1 - 4	1
US006068849	5	1 - 5	1
US004484599	5	1 - 5	1
US005484599	11	1 - 11	1
Total (5)	35	-	-